

GILA RIVER BASIN

09471380 UPPER BABOCOMARI RIVER NEAR HUACHUCA CITY, AZ

LOCATION--Lat 31° 38'06", long 110° 25'29", sec. 10, T.23 S., R.20 E. (unsurveyed), Cochise County, Hydrologic Unit 15050202, San Ignacio del Babocomari Land Grant, approximately 5.3 mi west of Huachuca City, on the left bank, approximately 18.1 mi from the confluence with the San Pedro River.

DRAINAGE AREA--Undetermined.

PERIOD OF RECORD--July 2000 to current year.

GAGE--Water-stage recorder.

REMARKS--Records poor.

EXTREMES FOR PERIOD OF RECORD--Maximum discharge, 2,870 ft³/s Oct. 23, 2000, gage height, 8.22 ft.

EXTREMES FOR CURRENT YEAR--Maximum discharge, 2,220 ft³/s Sept. 8 at 2200, gage height, 7.86 ft. Minimum daily discharge, 0.25 ft³/s July 18, Sept. 12-16.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.2	3.2	3.9	2.4	3.2	0.86	0.96	0.55	0.47	0.30	0.26	0.54
2	11	3.2	3.9	2.5	2.9	0.85	1.00	0.56	0.46	0.31	0.29	0.54
3	7.3	3.3	5.5	2.6	3.7	e1.1	0.96	0.55	0.49	0.31	68	0.55
4	12	3.2	4.9	2.5	3.1	e1.1	0.92	0.54	0.50	0.30	1.3	0.56
5	5.1	3.2	5.2	2.5	3.5	1.2	0.93	0.52	0.52	0.31	3.9	0.57
6	4.5	4.0	5.5	2.4	2.6	1.2	0.89	0.52	0.51	0.30	e2.2	0.60
7	6.6	4.3	6.7	2.6	2.5	1.1	0.92	0.53	0.48	0.29	e1.0	0.58
8	4.4	4.2	6.2	2.7	2.7	1.1	0.90	0.52	0.47	0.29	e0.80	194
9	3.9	4.2	5.9	2.7	2.6	1.1	0.85	0.50	0.46	0.29	e0.70	173
10	3.5	4.4	4.9	2.6	2.5	1.1	0.79	0.50	0.48	0.28	e0.62	0.40
11	3.4	2.9	5.3	2.6	2.4	1.1	0.79	0.50	0.47	0.28	e0.57	0.26
12	3.6	2.7	e6.9	2.5	2.3	1.1	0.81	0.51	0.44	0.27	e0.54	0.25
13	3.6	2.7	4.1	2.4	2.3	1.2	0.78	0.54	0.42	0.27	e0.53	0.25
14	3.9	4.6	3.9	2.6	2.0	1.2	0.77	0.55	0.42	0.26	e0.53	0.25
15	4.1	3.9	4.2	2.6	1.3	1.2	0.83	0.55	0.41	135	0.52	0.25
16	4.2	4.1	4.7	2.6	1.3	1.1	0.82	0.54	0.39	27	0.54	0.25
17	4.5	4.1	4.3	3.2	1.2	1.2	0.80	0.55	0.37	0.26	0.55	0.26
18	5.4	4.3	3.8	3.9	1.2	1.3	0.79	0.56	0.37	0.25	0.56	0.26
19	5.6	4.1	3.3	3.7	1.3	1.3	0.80	0.57	0.37	0.28	0.58	0.27
20	4.4	4.1	3.0	3.4	1.3	1.2	0.78	0.58	0.35	0.30	0.58	0.27
21	3.9	4.4	3.0	3.0	1.3	1.3	0.78	0.59	0.34	0.31	0.54	0.27
22	3.7	4.3	2.9	3.4	1.3	1.2	0.78	0.58	0.33	0.34	0.53	0.26
23	3.6	2.8	2.8	3.5	1.2	1.1	0.74	0.58	0.33	0.33	0.52	0.26
24	4.2	2.6	3.3	3.4	1.2	1.2	0.77	0.62	0.32	0.36	0.51	0.26
25	5.7	2.8	3.1	3.8	1.1	1.2	0.75	0.59	0.32	0.39	0.53	0.26
26	6.2	2.9	2.8	3.1	1.1	1.1	0.67	0.58	0.32	0.44	0.52	0.26
27	5.7	3.3	2.7	3.6	0.97	1.2	0.66	0.55	0.32	260	0.53	0.26
28	6.3	5.3	2.7	4.0	0.89	1.1	0.65	0.52	0.32	0.72	0.53	0.26
29	5.4	7.2	2.6	5.2	---	1.1	0.63	0.48	0.32	0.27	0.54	0.26
30	4.5	4.6	2.7	4.8	---	1.1	0.60	0.47	0.31	0.26	0.57	0.27
31	3.5	---	2.6	3.7	---	0.99	---	0.48	---	0.26	0.55	---
TOTAL	161.9	114.9	127.3	96.5	54.96	35.20	24.12	16.78	12.08	430.83	90.44	376.53
MEAN	5.223	3.830	4.106	3.113	1.963	1.135	0.804	0.541	0.403	13.90	2.917	12.55
MAX	12	7.2	6.9	5.2	3.7	1.3	1.0	0.62	0.52	260	68	194
MIN	3.4	2.6	2.6	2.4	0.89	0.85	0.60	0.47	0.31	0.25	0.26	0.25
MED	4.5	4.0	3.9	2.7	1.7	1.1	0.79	0.55	0.40	0.30	0.54	0.26
AC-FT	321	228	252	191	109	70	48	33	24	855	179	747

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2002, BY WATER YEAR (WY)

MEAN	33.35	12.54	6.860	6.394	4.869	5.900	4.739	2.348	1.905	9.164	7.785	5.652
MAX	61.5	21.2	9.61	9.67	7.77	10.7	8.67	4.15	3.41	13.9	16.4	12.6
(WY)	2001	2001	2001	2001	2001	2001	2001	2001	2001	2002	2000	2002
MIN	5.22	3.83	4.11	3.11	1.96	1.14	0.80	0.54	0.40	4.43	2.92	0.061
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2002	2001	2002	2000

SUMMARY STATISTICS FOR 2001 CALENDAR YEAR FOR 2002 WATER YEAR WATER YEARS 2000 - 2002

ANNUAL TOTAL	2137.66		1541.54									
ANNUAL MEAN		5.857		4.223						8.378		
HIGHEST ANNUAL MEAN										12.5	2001	
LOWEST ANNUAL MEAN										4.22	2002	
HIGHEST DAILY MEAN	35	Sep 14		260	Jul 27		1160	Oct 23	2000			
LOWEST DAILY MEAN	0.12	Sep 20		0.25	Jul 18		0.00	Aug 26	2000			
ANNUAL SEVEN-DAY MINIMUM	0.21	Sep 18		0.25	Sep 11		0.02	Sep 13	2000			
ANNUAL RUNOFF (AC-FT)	4240		3060				6070					
10 PERCENT EXCEEDS	11		4.5				11					
50 PERCENT EXCEEDS		5.1		1.1				3.3				
90 PERCENT EXCEEDS		1.3		0.30				0.39				

e Estimated